

# Branko Milošević

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## PROFESSIONAL PROFILE

- ▲ BSc. Electronics Engineer professional with over twenty years of experience in the field of telecommunication, computer and IT, electrical and automation systems.
- ▲ Five years of experience in marketing, business development and product deployment related to terminal management, consumer electronics and retail.
- ▲ Successful specialist, manager and expert in fast changing industry with proven multitasking, analytical and project driving abilities; strong technical/IT background combined with business related skills in marketing, sales, product development and procurement/finance. Computer Science enthusiast exploring software development, data science, ML/AI and new resource management paradigm. Ready for self-development and skills improvement, adapt to new environment and search for innovative solutions in technical area and business development.

## EDUCATION

**University of Montenegro**, Podgorica

Oct-1994 – Mar-2000

Faculty of Electrical Engineering

Graduate Engineer of Electronics

Publications: "Computer interfaces and peripherals", University book, co-author,  
University of Montenegro, 1999

## INDIVIDUAL RECOGNITION

**Employee of the Year – Nominee** - Crnogorski Telekom (T-Com), 2008

**Member of Key People Group** - Crnogorski Telekom (T-Mobile), 2007

**Student of Generation** – Faculty of Electrical Engineering, 1998

**Diploma Luča** – High School, 1994

**Diploma Luča** – Elementary School, 1990

## WORK EXPERIENCE

- ▲ Crnogorski Telekom, Podgorica (Deutsche Telekom) May-2017 – Present  
**Head of IP and Transport Network**  
 Crnogorski Telekom Technical Area

Network strategy and planning, project supervision and management in area of IP and Transport network development in Crnogorski Telekom. Leading the team for IP/MPLS, Transport, Access active elements, IP Transmission and Mobile Packet Core network development.
- ▲ Crnogorski Telekom, Podgorica (Deutsche Telekom) July-2016 – May2017  
**IP and Transport Network Development Manager**  
 Crnogorski Telekom Technical Area

Network strategy and planning, project supervision and management in area of IP and Transport network development in Crnogorski Telekom. Leading the team for IP/MPLS, Transport, Access active elements, IP Transmission and Mobile Packet Core network development.
- ▲ Crnogorski Telekom, Podgorica (Deutsche Telekom) Feb-2013 – Jun-2016  
**Customer Devices Expert**  
 Crnogorski Telekom Residential Area

Consumer Electronics Portfolio management. Planning, selection, life-cycle management of user equipment in fix and mobile LoB. Financing program management, product offering and proposition, partner selection, positioning and strategy.
- ▲ Crnogorski Telekom, Podgorica (Deutsche Telekom) July-2011 – Feb-2013  
**Handsets and Devices Manager**  
 Crnogorski Telekom T-Com Marketing area

Leader of CT Hardware Management team. Consumer electronics portfolio management. Planning, selection, life-cycle management of user equipment in fix and mobile LoB.
- ▲ Crnogorski Telekom, Podgorica (Deutsche Telekom) Apr-2010 – Jul-2011  
**Chief Specialist for Packed Switch**  
 Crnogorski Telekom T-Mobile Technical area

Packet Switch and mobile data network planning, development and strategy. Mobile data services technical development and integration. Network topology and interconnection - strategy, planning and development.
- ▲ Crnogorski Telekom, Podgorica (Deutsche Telekom) Apr-2006 – Mar-2010  
**Head of Core Network Management and Technology Deployment**  
 Crnogorski Telekom T-Mobile Technical area

T-Mobile Core Network - planning and strategy. New services development and integration. Interconnection strategy deployment and administration. Core Network modernization, expansions and new functionalities. Core Network management procedures deployment.
- ▲ Monet, Podgorica Jan-2004 – Apr-2006  
**3G/GPRS Engineer**  
 Monet Technical area

Mobile packet network (GPRS, EGDE) administration. Packet services deployment. Signaling network administration for PS segment. PS roaming relations establishment and administration. PS Core Network nodes and backbone administration, operations and maintenance.

▲ DIGIT Montenegro, Podgorica  
**Application Developer**

Apr-2002 – Dec-2002

Commercial software application developing. Database design and implementation.

▲ EMI, Podgorica,  
**Electrical Engineering – Designer**

Apr-2000 – Apr-2002

Real-time application programming, data acquisition and manipulation, Micro-controller programming Electrical circuit design and implementation.

## CERTIFICATION AND TRAINING

Institution	Title of the program	Completed
Deutsche Telekom Future Skilling	<b>Data Analytics program (10 weeks program)</b>	
	Data Literacy	
	Data Modeling and Visualization	
	Data Analytics for Business	
	Data Analysis Using Excel	
	Microsoft BI	
	Programming in Data Analytics (Python, R, SQL)	2020
Deutsche Telekom Future Skilling	<b>DT Software Development Introduction program</b>	
	Responsive website basics	
	Introduction to Programming	2020
RIPE NCC	IPv6 Training Course	2019
RIPE NCC	BGP Operations and Security Training Course	2019
Ericsson	EPG 1 Operation, Configuration and Troubleshooting	2019
	Ericsson Cloud Ecosystem	2018
	Ericsson Cloud Execution Environment	2018
	Ericsson DPI	2016
Deutsche Telekom	Let's Grow DT EU Program	2018
CPM	Project Management - Advanced Techniques	2017
Deutsche Telekom	LeadFIRST – Leadership Development and Culture (9 months program)	2017
SRMA Consulting	Leaders skills	2016
Deutsche Telekom	skillSoft – Project Management	2015
Atria	Cooperation and Beyond	2013
Deutsche Telekom Performance Team	Leadership Excellence Program	2012
CT Management Academy (in association with Flow)	Leadership Development Training	2012
Deutsche Telekom GenderSpeak	Diversity Training for Directors and Middle Managers	2012

Institution	Title of the program	Completed
Cisco	Configuring MPLS on IOS platforms	2010
Ericsson	IMS 5.0 Overview IMS Signaling IP Works 6.0 Operation and Maintenance TSP 6.0 Operation and Maintenance IS 2.0 Operation and Configuration WCDMA RAN P7 Transport Access Network Design GPRS System Overview GGSN R5 Network Engineer GPRS Dimensioning and Performance GPRS Signaling GSM WCDMA Mobile MGW Operation and Configuration CPP Node Features and Functions SIGTRAN Workshop WCDMA Signaling in Core Network GSM Signaling in Core Network GSM RAN Signaling	2004-2009
Starhome	Intelligent Preferred Network O&M Inbound Roaming Manager O&M Welcome and Outbound SMS O&M	2007-2008
GSM Association	Roaming Settlement Process training IR21 training IREG Testing training TAP/RAP Testing training RAEX training NRTRDE training STIRA training	2008
Double-L Language Center	English Language - Advanced Course	2006

Training and certifications related to my Programming/CS/Data Science/Cloud/ML curriculum  
(Covid-19 learning mode)

Institution	Title of the program	Completed
Yonsei University (Coursera)	<b>Emerging Technologies: From Smartphones to IoT to Big Data (4 course specialization)</b> Big Data Emerging Technologies Smart Device & Mobile Emerging Technologies IoT Wireless & Cloud Computing Emerging Technologies AR & Video Streaming Services Emerging Technologies	2021
Duke University (Coursera)	<b>C Programming (4 course specialization)</b> Programming Fundamentals Writing, Running, and Fixing Code in C Pointers, Arrays, and Recursion Interacting with the System and Managing Memory	2021
Linux Foundation	<b>Open Source Software Development, Linux and Git (4 course specialization)</b> Open Source Software Development Methods Linux for Developers Linux Tools for Developers Using Git for Distributed Development	2021

Institution	Title of the program	Completed
Google Cloud (Coursera)	<b>Developing Applications with Google Cloud Platform (4 course specialization)</b> Google Cloud Platform Fundamentals: Core Infrastructure Getting Started With Application Development Securing and Integrating Components of your Application App Deployment, Debugging, and Performance	2021
Google Cloud (Coursera)	<b>Architecting Hybrid Cloud Infrastructure with Google Anthos (3 course specialization)</b> Hybrid Cloud Infrastructure Foundations with Anthos Hybrid Cloud Service Mesh with Anthos Hybrid Cloud Multi-Cluster with Anthos	2021
Google Cloud (Coursera)	<b>Networking in Google Cloud (3 course specialization)</b> Google Cloud Platform Fundamentals: Core Infrastructure Defining and Implementing Networks Hybrid Connectivity and Network Management	2021
University of Illinois (Coursera)	<b>Cloud Computing (6 course specialization)</b> Cloud Computing Concepts, Part 1 Cloud Computing Concepts: Part 2 Cloud Systems and Infrastructure Big Data and Applications in the Cloud Cloud Networking Cloud Computing Project	2021
University of California Davis (Coursera)	<b>Secure Coding Practices (4 course specialization)</b> Principles of Secure Coding Identifying Security Vulnerabilities Identifying Security Vulnerabilities in C/C++ Programming Exploiting and Securing Vulnerabilities in Java Applications	2021
University at Buffalo (Coursera)	<b>Blockchain (4 course specialization)</b> Blockchain Basics Smart Contracts Decentralized Applications Blockchain Platforms	2021
University of Colorado (Coursera)	<b>Computer Communications (4 courses specialization)</b> Fundamentals of Network Communication Peer-to-Peer Networks and LAN Packet Switching Networks and Algorithms TCP-IP and Advanced Topics	2021
University of Colorado Boulder (Coursera)	Linux Server Management and Security	2021
DeepLearning.AI (Coursera)	<b>Deep Learning (5 courses specialization)</b> Neural Networks and Deep Learning Improving Deep Neural Networks Structuring Machine Learning Projects Convolutional Neural Networks Sequence Models	2020

Institution	Title of the program	Completed
University of California Irvine (Coursera)	<b>Programming with Google Go (3 courses specialization)</b> Getting Started with Go Functions, Methods, and Interfaces in Go Concurrency in Go	2020
IBM Professional Certification (Coursera)	<b>IBM Advanced Data Science (4 courses specialization)</b> Fundamentals of Scalable Data Science Advanced Machine Learning and Signal Processing Applied AI with Deep Learning Advanced Data Science Capstone	2020
Google Cloud (Coursera)	<b>Architecting with Google Kubernetes Engine (4 course specialization)</b> Google Cloud Platform Fundamentals: Core Infrastructure Architecting with Google Kubernetes Engine: Foundations Architecting with Google Kubernetes Engine: Workloads Architecting with Google Kubernetes Engine: Production	2020
Google Cloud (Coursera)	<b>Cloud Architecture with Google Cloud (7 course specialization)</b> Google Cloud Platform Fundamentals: Core Infrastructure Essential Google Cloud Infrastructure: Foundation Essential Google Cloud Infrastructure: Core Services Elastic Google Cloud Infrastructure: Scaling and Automation Reliable Google Cloud Infrastructure: Design and Process Architecting with Google Kubernetes Engine: Foundations Preparing for the Google Cloud Professional Cloud Architect Exam	2020
IBM Professional Certification (Coursera)	<b>IBM Data Science certification program (9 courses specialization)</b> What is Data Science? Tools for Data Science Data Science Methodology Python for Data Science and AI Databases and SQL for Data Science Data Analysis with Python Data Visualization with Python Machine Learning with Python Applied Data Science Capstone	2020
IBM Professional Certification (Coursera)	<b>IBM Applied AI certification program (6 courses specialization)</b> Introduction to AI Getting Started with AI using IBM Watson Building AI Powered Chatbots Without Programming Python for Data Science and AI Building AI Applications with Watson APIs Introduction to Computer Vision with Watson and OpenCV	2020
University of California San Diego (Coursera)	<b>Object Oriented Java Programming: Data Structures and Beyond (5 courses specialization)</b> Object Oriented Programming in Java Data Structures and Performance Advanced Data Structures in Java Mastering the Software Engineering Interview Capstone: Analyzing (Social) Network Data (2021)	2020
University of Illinois (Coursera)	<b>Accelerated Computer Science Fundamentals (3 courses specialization)</b> Object-Oriented Data Structures in C++ Ordered Data Structures Unordered Data Structures	2020

Institution	Title of the program	Completed
University of California (Coursera)	<b>C and C++ Specialization (4 courses specialization)</b> C for Everyone: Programming Fundamentals C for Everyone: Structured Programming C++ For C Programmers, Part A C++ For C Programmers, Part B	2020
University of California San Diego (Coursera)	<b>Data Structures and Algorithms (6 courses specialization)</b> Algorithmic Toolbox Data Structures Algorithms on Graphs Algorithms on Strings Advanced Algorithms and Complexity Genome Assembly Programming Challenge (in progress)	2020
University of California San Diego (Coursera)	<b>Introduction to Discrete Mathematics for CS (5 courses specialization)</b> Mathematical Thinking in Computer Science Combinatorics and Probability Introduction to Graph Theory Number Theory and Cryptography Delivery Problem	2020
University of Colorado Boulder (Coursera)	Predictive Modeling and Analytics	2020
Princeton University (Coursera)	Bitcoin and Cryptocurrency Technologies	2020
Deep Learning (Coursera)	AI for Everyone	2020
Princeton University (Coursera)	Algorithms II	2020
Princeton University (Coursera)	Algorithms I	2020
Rice University (Coursera)	Algorithmic Thinking	2020
Rice University (Coursera)	Principles of Computing	2020

## ACHIEVEMENTS AND MAJOR PROJECTS IN CRNOGORSKI TELEKOM / DEUTSCHE TELEKOM

Project title	Overview	From-Until	Function held
Facebook cache	Installation and integration of Facebook Cache in Telekom Montenegro	2021 Jun-Sep	Project Manager
5G Pilot	5G NSA pilot, first on market	2021 Feb-Jun	Core & Transport lead
VoLTE inbound roaming	Introduction of VoLTE roaming in CT network	2020 Aug-Dec	Technical lead
Edge network modernization	Capacity management, topology improvement and edge network elements modernization	2020 Aug-Dec	Project Lead
IPv6 in mobile data internet	IPv6 pilot for mobile data users	2020 Mar-Jun	Project Lead

Project title	Overview	From-Until	Function held
NMS access and transport	Modernization of Network Management System for Fix-access, DWDM and Radio-transport network	2020 Jan-Aug	Project Lead
DDOS protection in CT	DDOS protection of CT egress traffic - hosted solution	2019 Mar-Jun	Project Lead
Aggregation network modernization	Capacity management, topology improvement and aggregation network elements modernization	2019 Aug-Dec	Project Lead
xDSL legacy network phase-out	Legacy xDSL equipment swap and broadband access modernization	2018 Mar-Nov	Project Manager
Google Global Cache	Installation and integration of Google Global Cache in Telekom Montenegro	2018 Apr-July	Project Manager
Fix data Geo-Redundancy	Service quality and continuity improvement by deploying geo-redundancy in MPLS, Internet Core, Transport and Internet Gateway segment	2017-2018	Project manager
Mobile Data Geo-Redundancy	Service quality and continuity improvement by deploying geo-redundancy in Packet Core segment Virtual EPC deployment in production environment	2017	Project manager
Outdoor cabinet Roll-Out	Copper line optimization and last mile preparation for VDSL HP expansion	2017-2019	Active equipment - lead
MPLS Edge network modernization	MPLS edge network modernization, capacity improvement, IP connectivity optimization aligned with service demands	2016-ongoing	Project leader
MPLS Core network modernization	MPLS network modernization, service performance improvements, Geo-Redundancy in MPLS core segment	2016	Project leader
IP Core network modernization	Network upgrade and performance improvements for Telekom data services	2016	Project leader
VDSL introduction in Telekom of Montenegro	Introduction of VDSL/Vectoring technology for BB customers, improvement in quality and throughput on copper lines.	2016	Program leader
IP backbone modernization for mobile services	Deployment of IP backbone network for mobile services (CS and PS), replacement of legacy topology and equipment, migration to Telekom MPLS.	2016	Program leader
Transport network modernization	DWDM network modernization and swap of legacy systems	2016-2017	Program leader
"Delfin Initiative 1.1" Become Retailer No1	Step-up finance business in consumer electronics. Subprojects in Retail program in 2013/14: Regular sales on installments expanded to 6 partners Catalogue sales on installments Financing in Fix line of mobile equipment Financing in Mobile line In-House and Partner offering and proposition – portfolio enrichment	2012-2016	Leading Retail Program team
LTE	LTE introduction to Telekom customers	2013	Customer Equipment SW development and verification, vendor communication
Smartphone financing	New approach to mobile handsets portfolio offer	2012-Q2	Leading terminal management, selection, offer, pricing
Fix line phone financing	New approach to fix line portfolio offer	2012-Q2	Leading terminal management, selection, offer, pricing



Project title	Overview	From-Until	Function held
Samsung@POS project	DT Group collaboration project with Samsung in regards to supplier presence on points of sale, Galaxy SIII launch	2012-Q3	CT representative in DT project Local project - leader of terminal management
4FF, nano-SIM	Nano SIM introduction and deployment in CT	2012-Q3	CT representative in DT project and local project leader
DaaS	Desktop as a service, Cloud service implementation and deployment in CT	2013-Q3	Team member
Lap-Top financing	HW financing program	2012-Q2	Leading terminal management, selection, offer, pricing
Customer equipment refurbishment	CAPEX customer equipment savings initiative	2012-Q2	Leading terminal management, partner selection, pricing, procedures
CPE – testing team	Customer equipment testing team organization, testing, verification, acceptance and approval of customer equipment	2012 Q2-Q4	Team leader
HW in telesales	Additional sales channel for HW Handsets, TV	2011-2012	Leading terminal management, selection, offer, pricing
'11 New Year SmartPhone campaign	Smartphone push in postpaid Blackberry service push Mobile handsets stock level optimization	2011-Q4	Leading terminal management, selection, offer, pricing
'11 NY Extra TV campaign	Customer equipment secured, optimized delivery and distribution	2011-Q4	Leading terminal management
3FF micro-SIM prepaid	Micro SIM prepaid introduction and deployment in CT	2011-Q4	Leader
DualSIM (Twinbill)	Dual-SIM (new country code) introduction and deployment in CT	2011-Q4	Leader
iPhone 4S launch	iPhone 4S launched with success in wave 2 First to have iPhone 4S in region	2011-Nov	Leading overall launch process and campaign
Reporting and data analysis	Customer equipment continuous improvement in regular, periodic and ad-hoc reporting, leading to improved forecasting, ordering and stock optimization	2011-2012	Leading terminal management part
TV set financing	Financing model internally developed, basis for future financing schemes and offers	2011-Q4	Leading terminal management, selection, offer, pricing
T-Mobile Brand in Montenegro - 5th anniversary campaign	Smartphone penetration push Postpaid market share push	2011 Sep-Oct	Leading terminal management, selection, offer, pricing
Blackberry in CT	Service introduction and deployment in CT	2010-Q3/Q4	Technical lead
SIM Swap	SIM swap for complete customer base, new MCC/MNC for Telekom Montenegro	2010-2011	Team member
DRS Project	Integration and development of Disaster Recovery Site for mobile voice services	2009-2010	Team member
KPI Project	Introduction and development of KPI automation process for T-Mobile Montenegro	2008	Team member

Project title	Overview	From-Until	Function held
Roaming VAS	New roaming VAS and technology projects roaming steering, call assistance, SMS notification, roaming hub, prepaid roaming	2008-2009	Project leader
"4in1"	DT project, optimization of international transport and interconnectivity links for signaling and user payload (voice and data)	2008	CT representative Team member
MIPNet services in T-Mobile	Mobile Packet Core integration with Telekom MPLS network	2008	Leader
Mobile Soft Switch, Core network modernization	Core Network Layered Architecture deployment and integration within T-Mobile Montenegro Core Network	2007	Team member
Mobile Packet Switch Core network modernization	Split Architecture deployment, SGSN and GGSN implementation and integration in T-Mobile Core Network	2007	Team member, leader of technical part
New Montenegrin country codes	Implementation and introduction within T-Mobile CG and international voice, packet and signaling network – roaming relations and interconnection	2007	Team member, leader of roaming part
IP Backbone in CS/PS T-Mobile Core Network	Design and implementation	2007	Team member
3G	T-Mobile Montenegro 3G network launch and upgrades (3G, HSDPA, HSUPA, HSPA+)	2007	IP/Packet Core technical lead
GPRS/EDGE/3G roaming	Data roaming services introduction and international rollout	2005-2010	Leader
Mobile TV	Design, implementation and interconnection to IPTV platform for mobile data users	2007	Leader
Monitoring system	Integration and deployment of T-Mobile Core Network Monitoring System	2006	Team member Packet Core leader
Re-Branding	" <i>Goodbye Monet, Hello T-Mobile</i> "	2006	Team member
Missed Call Notification	MCN deployment and integration in T-Mobile	2006	Team member
Prepaid platform modernization	Integration of new prepaid platform in T-Mobile Montenegro	2005	Leading mobile-data segment
GPRS/EDGE introduction	GPRS/EDGE deployment in mobile-data segment in T-Mobile Montenegro	2005	IP/Packet Core technical lead